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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q64035

Martin KOWATSCH

Appln. No.: 09/832,827

Group Art Unit: 2874

Confirmation No.: 1954

Examiner: Sung H. PAK

Filed: April 12, 2001

For: OPTICAL WAVEGUIDE STRUCTURE AND METHOD FOR PRODUCING SUCH A WAVEGUIDE STRUCTURE

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated July 3, 2002, please amend the above-identified application as follows:

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FEB 7 2003

TECHNOLOGY CENTER 2800

IN THE CLAIMS:

Please enter the following amended claims:

1. (Amended) An optical waveguide structure, having a crossing and a branching, the waveguide structure comprising, in the area of said branching, planar waveguides comprising a waveguide material that is put into troughs formed in a substrate, said waveguide material having a refractive index higher than the material delimiting the troughs, said waveguide structure further comprising, in the area of said crossing, fibers which cross in the area of said crossings, and

wherein at least some of said fibers are at least partially inserted into said troughs.